bigger is better with NEC’s 61” plasma monitor
PlasmaSync® 61MP1

Exclusive technologies
for precise display

Superior resolution and image quality

The PlasmaSync 61MP1 delivers the outstanding image quality you expect from NEC. It starts with a 1365 x 768 native panel resolution that meets the industry standard for true 16:9 Wide XGA computer graphics to provide superior high-resolution capability. The 61MP1 includes NEC Capsulated Color Filter technology that provides extremely realistic and saturated colors as well as enhanced contrast. Advanced AccuBlend scan conversion provides precise display of computer-based information from non-native resolutions. A motion-compensated 3D scan converter delivers smooth, lifelike display of video sources and an improved 3-2 pull down converter provides excellent display of video content originally recorded in 24 frame/second film.

Additionally, a combination of exclusive new technologies have been incorporated that enhance the sharpness, clarity and color reproduction of the panel. Advanced Mass Area Sampling widens the sampling area horizontally and vertically to straighten diagonal lines and reproduce curved lines more smoothly for a clear and precise image. For computer sources, a scan converter with an Optimum Conversion process for signals up to UXGA is included. NEC has the latest video processing circuitry which uses a new algorithm to reduce false color contours plus a 10-bit conversion process for more precise reproduction of shades of black delivers dark scenes with details that are sharp and distinct.
NEC sets a new benchmark for large screen size and outstanding image quality with the PlasmaSync 61MP1, the first plasma monitor to break the 60” barrier. No matter how you look at it, the PlasmaSync 61MP1 makes a big impression and at 61 inches it stands out as an industry first for large-sized plasma monitors. It’s 61” screen delivers a huge display area of nearly 1600 square inches – nearly 50% more than a 50” screen.

And its images are as beautiful as they are big. As part of the NEC Multimedia Presentation Series of plasma monitors, the 61MP1 is optimized to provide superior image quality for professional multimedia applications. With enhancements such as Capsulated Color Filter technology and sophisticated new signal processing, scan conversion and sampling technologies built-in, the 61MP1 delivers vivid colors and sharp detail for images that are absolutely stunning.

The PlasmaSync 61MP1 is designed specifically for professional multimedia and business communication use.

- Conference room presentation
- Boardroom AV systems
- Videoconferencing
- Training
- Broadcast post-production/editing/playback

With superior high-resolution support the 61MP1 is also ideal for:

- Control rooms
- Network operation centers
- CAD design/visualization/presentation
- Rental & staging
The PlasmaSync 61MP1 includes unique capabilities that enhance its effectiveness as a tool for professional presentation purposes. With a Split Screen Display capability, Digital Zoom and generating only 22 decibels of fan noise for undetectably silent operation, the 61MP1 helps you communicate your message like no other plasma monitor can.

**Broad Signal and Source Compatibility**

Being optimized for multimedia means that the 61M P1 can connect to and display signals from virtually any input source—whether it's a computer, conventional video or HDTV. With eight separate inputs it can accommodate virtually any source equipment that you would want to connect.

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**Split Screen Display**

The PlasmaSync 61MP1 Split Screen allows simultaneous display of multiple input sources. More than a simple picture-in-picture, split screen lets you position computer and video images in different configurations around the screen to support videoconferencing, workgroup collaboration and host of other multi-tasking uses. Split Screen also gives you a solution for displaying 1024x768 XGA computer sources by allowing you to display them in their standard 4:3 aspect ratio.

**Digital Zoom**

With its Digital Zoom the 61MP1 allows you to select a portion of the screen and magnify it up to nine times to highlight information or emphasize a point. This is a presentation tool you won't find on any other plasma monitor.
Wired/wireless hand-held remote control provides access to all monitor functions via an intuitive on-screen menu system.

**AccuShield™ Phosphor Protection System**

NEC exclusive AccuShield Phosphor Protection System provides three operating modes that can help prevent phosphor burn or minimize its perceptible effects if it does. When used in conjunction with simple operating guidelines, AccuShield’s PLE Brightness Limiter, Image Orbiter and Inverse RGB Mode can extend the usable life of the monitor.

Powerful Stereo Audio

The PlasmaSync 61MP1 includes powerful audio capabilities with an internal 7-Watt stereo amplifier and optional external speakers. External speaker terminals and three assignable audio inputs give you the flexibility to connect to available room sound systems and source audio if you need more power than the internal amplifier provides.

Flexible Mounting Configurations

The PlasmaSync 61MP1 can be mounted in either horizontal or vertical orientation for maximum flexibility in displaying your messages.

Superior Service and Support

The PlasmaSync 61MP1 is supported by NEC Technologies industry-leading service and support programs. It comes with a standard 1-year manufacturer's warranty plus an extended warranty option that provides two additional years of coverage and is available from your authorized NEC Visual Systems dealer.

Choose Your Screen Size

The NEC PlasmaSync MP Series offers three screen sizes for a range of multimedia application uses. From the utility of the 42” screen to, superior 50” performance to the ultimate size of the 61MP1, NEC offers a solution with outstanding progressive scan image quality, broad signal and source compatibility and powerful multimedia capabilities. Only NEC offers this range of screen size options in a series of plasma monitors designed specifically for professional multimedia applications.
Specifications

- **Model Number**: PX-61XM1A
- **Diagonal Screen Size**: 61"
- **Screen Aspect Ratio**: 16 to 9
- **Active Screen Area**: 1351 x 760 mm
- **Native Pixel Resolution**: 1366 vertical dots x 768 horizontal rows
- **Pixel Pitch**: 0.99 mm square
- **Contrast Ratio (set)**: 700 to 1
- **Capsulated Color Filter**: Yes
- **Output colors**: 256 RGB levels, 16.7 million colors
- **Viewing Angle**: 160 degrees
- **Horizontal Frequency Range**: 15.5 to 93.8 kHz auto, step scan
- **Vertical Frequency Range**: 50 to 120 Hz auto, step scan
- **PC Signal Compatibility**: VGA 640x480 @ 60, 72, 75, 85, 100, 120 Hz, SVGA 800x600 @ 56, 60, 72, 75, 85, 100 Hz, XGA 1024x768 @ 60, 70, 75, 85, 100 Hz, SXGA 1280x1024 @ 60, 75, 85 Hz, UXGA 1600x1200 @ 60, 65, 70, 75 Hz, WideSVGA 848x480, 852 x 480 @ 60Hz, WideUXGA 1360 x 768 @60Hz
- **Workstation Compatibility**: EWS4800 1280x1024, HP 1280x1024, Sun 1152x900, 1280x1024, SGI 1024x768, 1280x1024
- **Macintosh Compatibility**: 640x480, 832x624, 1024x768, 1152x870
- **Video Signal Compatibility**: NTSC, PAL, SECAM, 3.58/4.43 NTSC
- **HD Video Signal Compatibility**: 480p, 480i, 525p, 525i, 540p, 625p, 625i, 720p, 1035i, 1080i
- **Input Terminals**: RGB 1 (analog) 15-pin mini D-sub, RGB 2 & DVD/HD2, 5 BNC (RGB/HV), RGB 3 (digital) 29-pin DVI (digital only), Video 1 Composite RCA x 3 (Y, Pb, Pr), Video 2 Composite BNC x 1, Video 3 S-Video 4-Pin DIN, HD Video 1 1 set RCA Component (Y, Pb, Pr, Y, Cb, Cr), HD Video 2 1 set BNC Component (Y, Pb, Pr, Cb, Cr), Audio 1 2 sets RCA, Audio 2 Internal amplifier, 7W x 2 output power, Audio 3 3 sets RCA stereo + external speaker jacks
- **Audio**: Internal amplifier, 7W x 2 output power
- **External Control**: 9-pin mini D-Sub, RS232
- **User Controls**: Direct Access Power on/off, input selection, OSM access, (Control Lock Switch located on input panel), Remote Control Power on/off, input select, volume, mute, wide, display, off-timer, OSM control, cursor, pointer, zoom, split screen, auto, select
- **OSM**: Contrast, brightness, sharpness, color, tint, color temperature, picture mode, noise reduction, bass, treble, balance, vertical position, horizontal position, fine picture, picture adjust, auto picture, picture management, RGB select, BNC select, HD select, OSM adjustment, gray level, PLE, reset, frequency, language, color system
- **Plug & Play**: DDC1, DDC2B (RGB3 is DDC2B only)
- **Power Requirements**: 120V 50/60 Hz
- **Power Consumption**: 660 W Typical, 6.9 Amp Maximum
- **Dimensions (WxHxD) - without base**: 1480 x 890 x 119mm, 58.3 x 35 x 4.7 inches
- **Weight**: 61 kg, 134.5 lbs. (without tabletop stand)
- **Environmental Considerations**: Operating Temperature 32 - 95 degrees F, Operating Humidity 20 - 80%, Altitude 0 to 2800m, 0 to 9180 ft., Storage Temperature 14 - 122 degrees F, Storage Humidity 10 - 90%
- **Warranty**: 1 Year Parts & Labor Standard
- **Regulatory**: FCC Class A, UL1950, CSA950
- **Included Accessories**: AC Power Cord, User Manual, Remote Control, Remote Control Cable, 15-pin RGB Cable, Batteries
- **Optional Accessories**: Tabletop Stand PX-61XM1U-ST, Attachable Speakers PX-61XM1U-S1, 61" Fixed Wall Mount 61FWMK, 61" Tilting Wall Mount 61TWMK, 61" Ceiling Mount 61CMK

Specifications subject to change without notice.